



SWARC NEWS

Meeting Notes

- 19:00 K4MWG called the meeting to order
- 19:00 N4BAJ lead the Pledge of Allegiance
- 19:01 Treasurer report given
- 19:01 Introductions
- 19:05 Announcements by the Vice President

Raffle tickets are on sale thru the June Meeting. The drawing will be held at Field Day. You can purchase tickets from Mike Ramsey KD4OKR, Mike Callam KD4MC, Mike Gaither (Gator) K4MWG and Brian Knox KK4BK

IF you purchased an Ed Fong antenna from the January meeting, contact Brian – KK4BK to setup a time for delivery.

SWARC will have 2 tables at the RARSFEST. RARSFest is on April 20th. When you attend, please stop by the booth to help man the tables for Raffle ticket sales.

Preparations are being made for a GENERAL Class to be completed prior to the Question pool change over in June. Stay tuned to the nightly nets and your email inbox for further announcements on the class and test.

19:10 Mike Ramsey KD4OKR reports that the town of Fuquay Varina has provided some additional stipulations/requirements for the creation of the shed/shack. He will be meeting with them for further information.

19:15 Samantha Royster of Apex CERT and NC-Cert.com gave a presentation on Community Emergency Response Team (CERT). The presentation talked about what CERT is. How you can become involved along with the training needed. The presentation will be posted on the SouthWakeARC.com website under the Good Reads section.

20:00 Meeting Adjourned

NET Report

Please we ask that all net reports be sent to Joe at

draftin_driver3226@yahoo.com

Joe did comment that only one or two net controls were turning in the net reports. Please send your reports to Joe.

Joe, KM4YTF is on the lookout for new net control operators. If interested please contact Joe, KM4YTF.

South Wake ARC Treasurer Report

**South Wake Amateur Radio Club Treasurer Report
February 2019**

Club Addition and Reduction Activity

Additions

Dues	15.00	cash	Frederick Benson (NC4FB)
Dues	15.00	check #4946	Charles Bratton (KE4QBW)
Meal	115.00	cash	collection for meal (pizza)
Donation	5.00	cash	donation from auction sales

Total Additions 150.00

Reductions

Meal	105.00	cash	reimbursed David Sosnin (N4TTN) for pizza
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**Total
Reductions** 105.00

RBC Bank Account Activity

Balance as of 02/04/2019	6238.86		
Addition	150.00		
Reduction	105.00		

**Balance as of
03/04/2019** 6283.86

Christine Fernandini
KJ4AEO 03/04/2019

Memership Report

Howdy All,

Time is running out to renew your membership for the 2018-2019 year. Please send a check made out to SWARC for \$30.00 to the PO Box on the application or mail to me direct or bring it with you to the next club meeting.

Thank You

***Ryan Avery NC4RA
1635 Oak Grove Church Road
Angier, NC 27501***

The General License exam question pool and exams change on July 1, 2019. Candidates currently studying for the General (2015-2019) License exam should take the exam before July 1, 2019 or face a restart on their study programs due to the significant changes that have been made to the new question pool.

If you are interested in participating in a program that is designed to specifically to prepare you for the General license exam, before the exam question pool and exams change,

>>> reply via email to ron.cooney@gmail.com with the following information:

Name:

Call sign:

Preferred email:

Cell phone:

Additionally: Put the word, general license , in the subject line

This only to obtain an interest level.

In a few days, more information will be presented with the details.

Thank you

The earlier posting contained a **link error** for the SWARC General license exam prep program instructions. The instructions can be viewed at the link below.

[SWARC General license exam prep program instructions](#)

Fred

Fred Benson

NC4FB

<https://nc4fb.org>

If you are studying for the Amateur Extra license exam or contemplating starting to study for the exam, take a look at the free extra exam prep system at the link below. The ARRL Extra class license manual is **not** required. As part of the prep system, short explanations are provided along with the correct answers for all the questions in the Extra question pool. The system also provides topic/subelement flashcards, topic/subelement tests, and practice license exams. If you have a mentor helping you prepare for the exam, there are options in the system for the mentor to receive the results of test/practice exams via Email so assistance can be provided for topics/questions that are causing you difficulty.

<https://www.nc4fb.org/wordpress/amateur-extra-license-2016-2020/>

If you're taking practice license exams and are experiencing significant variations in exam scores or just want to boost your license exam score, take a look at the free practice exam facility at the link below. The missed/unanswered question numbers for every practice exam you take with the facility are stored in a database. The facility provides a function to test yourself on the missed/unanswered questions. There is an option to test yourself on only the questions you have missed a specified number of times allowing you to concentrate on the questions causing difficulty.

<https://www.nc4fb.org/wordpress/sample-license-exams-tracking/>

If you need assistance in preparing for a license exam, contact us at the Email addresses below.

Ron Cooney (K4AAA) - ron.cooney@gmail.com
Fred Benson (NC4FB) - nc4fb@nc.rr.com

Fred

Fred Benson

NC4FB

<https://nc4fb.org>

I've been dabbling with antenna design, construction, troubleshooting, and repair for a little over eight years. For antenna modeling, I use EZNEC Pro/4 & AutoEZ. I have an AIM-4170C antenna analyzer to measure antenna characteristics. I especially enjoy working with reduced size antenna designs suitable for small lots, attics, etc.

Ever heard of a Ramsay Multi-Band Fan Dipole? 48' long and works reasonably well at 25' AGL. No dangling fan wires to deal with, the radiators are parallel and closely spaced providing linear loading. The typical Ramsay design covers 40m, 20m, and 10m. By adjusting the parallel element lengths, it is possible to optimize the antenna for other bands of interest such as 17m.

Anyone needing assistance with antennas or just interested in antennas, let's chat at the SWARC meeting this evening (NC4FB on ball cap) or Email me at nc4fb@nc.rr.com. I usually get to the meeting before 6 pm.

F. Benson

NC4FB

<https://nc4fb.org>

Public Service

Check the RARS web site often for Public Service opportunities.

The April Meeting will be held on the 1st at the Legion Hall

The meal for April is Pizza. . Make sure to head out to the website to let us know you're coming. We need to make sure we buy enough pizza.

The program for the April meeting is Skywarn Refresher Training.

Don't forget – You can get raffle drawing tickets from Mike K4MWG, me or several others. Just look for the line of folks trying to win the first place (or second place) HRO gift certificate.

KK4BK

BOARD OF DIRECTORS

Appointed Positions

President

Mike Gaither – K4MWG

Vice President

Brian Knox – KK4BK

Secretary

Joe Pittman - KM4YTF

Treasurer

Christy Fernandini - KJ4AEO

Member-At-Large

Al Crawford – WA4TCJ

Member-At-Large

David Sosnin – N4TTN

Member-At-Large

Richard Akelewicz – KI4UZI

Membership Chair

Ryan Avery , NC4RA

NET MANAGER

Joe - KM4YTF

Special Events Director

Gino Fernandini –KI4YXO

Public Service Director

David Krum – NW3U

SWARC Mission Statement

South Wake ARC's primary purpose is to further the Amateur Radio Service through programs, activities, and education, in order to promote the radio knowledge, fraternalism and individual operating efficiency of our members. Further, it shall be our purpose to support the welfare of our community through public service including radio communications for emergency situations and public events, and through providing information, training, and assistance to individuals or organizations with an interest in the Amateur Radio Service.

LINKS *(if you have other links you want added then send them to me)*

PRN

A Wide Area Digital Amateur Radio Network www.ncprn.net

GigaParts

www.gigaparts.com

QRZ

www.qrz.com

Ham Radio Outlet HRO

www.hamradio.com

Raleigh Amateur Radio Society RARS

www.rars.org

Johnson Amateur Radio Society JARS

www.jars..net

South Wake Amateur Radio Club SWARC

www.southwakearc.com

Department of Defense to Transmit Interoperability Exercise Info via WWV/WWVH

03/29/2019

The US Department of Defense (DOD) plans to start making use of a provisional time slot on WWV and WWVH to announce upcoming HF military communication exercises and how the Amateur Radio community can become involved in them. The announcements will occur at 10 minutes past on WWV and at 50 minutes past on WWVH. WWV and WWVH transmit on 2.5, 5, 10, 15, and 20 MHz.

“DOD’s use of the broadcast time slot on WWV/WWVH will benefit the MARS program’s mission of outreach to the Amateur Radio community,” said US Army Military Auxiliary Radio System (MARS) Program Manager Paul English, WD8DBY. “The actual messages to be broadcast are coordinated by the DOD Headquarters that the MARS program supports.”

The initial announcements are set for the period April 20 – May 3, which coincides with the “Vital Connection” interoperability exercise to be held in Wisconsin. Future time slots will coincide with the Vital Connection exercise Ohio in June; DOD COMEX 19-3 in August, and the DOD COMEX 19-4 in October. Following the proof of concept this year, DOD anticipates making use of the WWV/WWVH broadcast time slot full time, year-round.

At the outset, broadcast messages will likely be static. For future exercises, announcements could be updated throughout an exercise. The messages will direct listeners to a specified website to provide reception reports and feedback.

The reception report will also ask the listener to submit a survey that will be shared among DOD, MARS, and WWV/WWVH personnel. English said that the survey will ask listeners questions about how often they listen to WWV/WWVH signals, how they use them, and what types of messages they would like to hear, but he notes that the survey is still under development.

“We want to provide feedback to WWV/WWVH to improve situational awareness of who is using their service and how it’s being used, as well as future considerations,” English said.

ARISS Seeks Hosts for Ham Radio Contacts with Space Station Crew Members

03/27/2019

Starting on April 1, Amateur Radio on the International Space Station (**ARISS**) will accept applications from US schools, museums, science centers, and community youth organizations (working individually or together) interested in hosting contacts with

orbiting crew members on the International Space Station (ISS). Contacts will be scheduled between January 1 and June 30, 2020.

Each year, ARISS provides tens of thousands of students with opportunities to learn about space technologies and communications through Amateur Radio. The program provides learning opportunities by connecting students to astronauts aboard the ISS through a partnership between ARRL, AMSAT, and NASA, as well as other Amateur Radio organizations and worldwide space agencies. The program's goal is to inspire students to pursue interests and careers in science, technology, engineering, and mathematics (STEM) and Amateur Radio.

"Educators overwhelmingly report that student participation in the ARISS program stimulates interest in STEM subjects and in STEM careers," ARISS said in announcing the contact opportunities. "One educator wrote, 'Many of the middle school students who took part in and attended the ARISS contact have selected science courses in high school as a result of that contact.'" ARISS says enthusiasm sparked by a school contact has led to an interest in ham radio among students and to the creation of ham radio clubs in schools. Some educators have even become radio amateurs after experiencing a contact with an ISS crew member.

ARISS is looking for organizations capable of attracting large numbers of participants and integrating the contact into a well-developed, exciting education plan. Students can learn about satellite communications, wireless technology, science research conducted on the ISS, radio science, and any related STEM subject. Students learn to use Amateur Radio to talk directly to an astronaut and ask their STEM-related questions. ARISS will help educational organizations locate Amateur Radio groups who can assist with equipment for this once-in-a-lifetime opportunity for students.

The deadline to submit proposals is May 15. Proposal webinars for guidance and questions will be offered on April 11 at 7 PM EDT (2300 UTC) and on April 16 at 9 PM EDT (0100 UTC on Wednesday, April 17). **Advance registration** is required. **More details**, such as expectations, proposal guidelines, and the proposal form, are on the ARISS website.

